

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040125AL\
 Data File : FE053119.D
 Signal(s) : FID1B.ch
 Acq On : 02 Apr 2025 05:59
 Operator : YP\AJ
 Sample : PB167416BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB167416BS

Integration File: autoint1.e
 Quant Time: Apr 02 07:14:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.893	6479243	39.778 ug/ml
Spiked Amount 50.000		Recovery =	79.56%
12) S 1-chlorooctadecane (S...	13.336	4930554	41.073 ug/ml
Spiked Amount 50.000		Recovery =	82.15%
Target Compounds			
1) T n-Nonane (C9)	3.248	6460819	41.726 ug/ml
2) T n-Decane (C10)	4.506	6802359	43.366 ug/ml
3) T A~Naphthalene (C11.7)	6.214	7365732	43.846 ug/ml
4) T n-Dodecane (C12)	6.682	6911571	44.192 ug/ml
5) T A~2-methylnaphthalene...	7.314	6576785	41.218 ug/ml
6) T n-Tetradecane (C14)	8.518	6714148	43.850 ug/ml
7) T n-Hexadecane (C16)	10.130	6618358	42.935 ug/ml
8) T n-Octadecane (C18)	11.577	6396375	42.174 ug/ml
10) T n-Eicosane (C20)	12.892	6428541	45.089 ug/ml
11) T n-Heneicosane (C21)	13.505	6117900	44.087 ug/ml
13) T n-Docosane (C22)	14.092	6039084	44.095 ug/ml
14) T n-Tetracosane (C24)	15.185	12552916	92.944 ug/ml
15) T n-Hexacosane (C26)	16.223	5919663	44.373 ug/ml
16) T n-Octacosane (C28)	17.173	6149195	46.596 ug/ml
17) T n-Tricontane (C30)	18.064	6112047	45.094 ug/ml
18) T n-Dotriacontane (C32)	18.897	6248675	46.437 ug/ml
19) T n-Tetratriacontane (C34)	19.681	6479628	50.076 ug/ml
20) T n-Hexatriacontane (C36)	20.424	6488531	54.622 ug/ml
21) T n-Octatriacontane (C38)	21.162	6589159	57.329 ug/ml
22) T n-Tetracontane (C40)	22.075	6335469	56.409 ug/ml

(f)=RT Delta > 1/2 Window

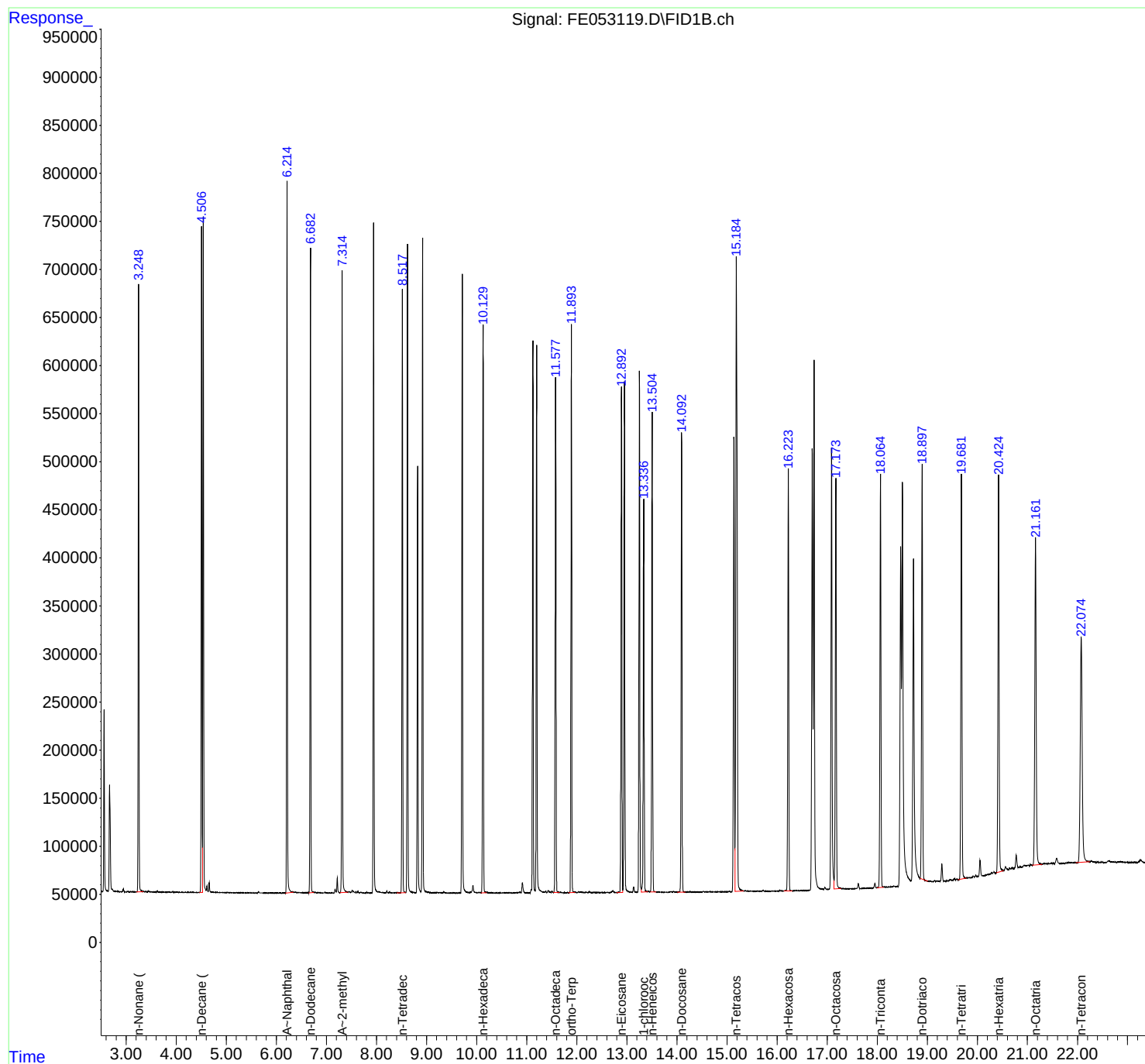
(m)=manual int.

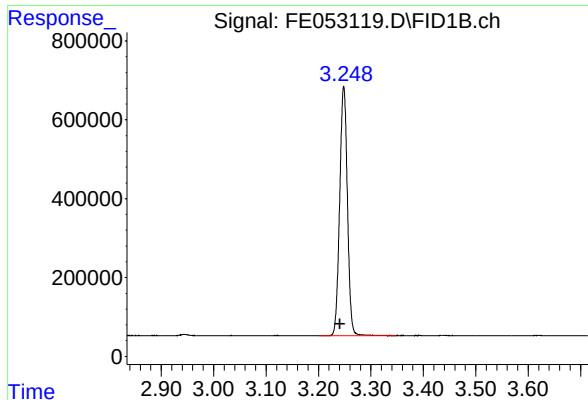
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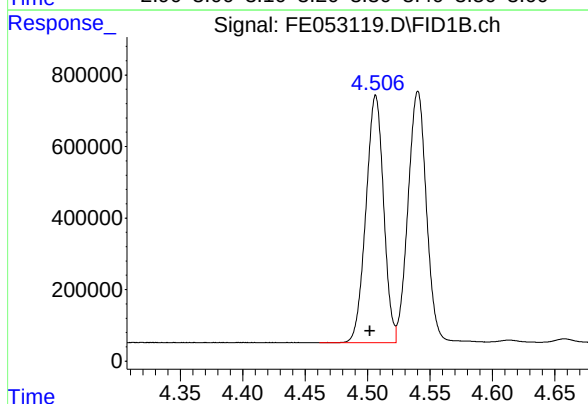




#1 n-Nonane (C9)

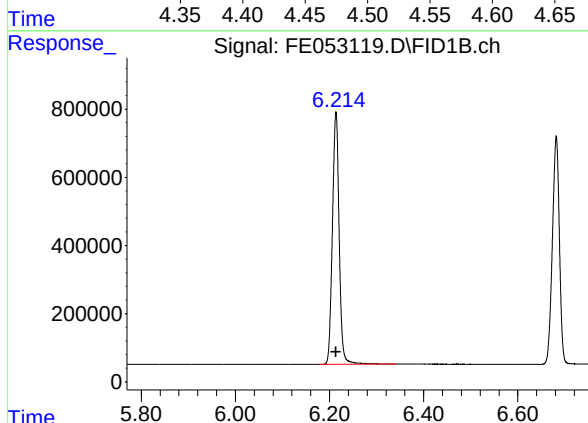
R.T.: 3.248 min
Delta R.T.: 0.007 min
Response: 6460819
Conc: 41.73 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167416BS



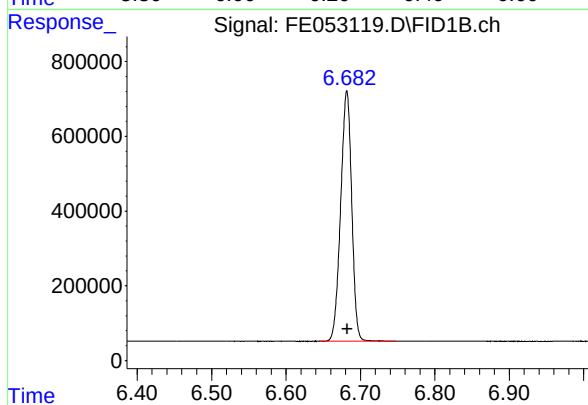
#2 n-Decane (C10)

R.T.: 4.506 min
Delta R.T.: 0.005 min
Response: 6802359
Conc: 43.37 ug/ml



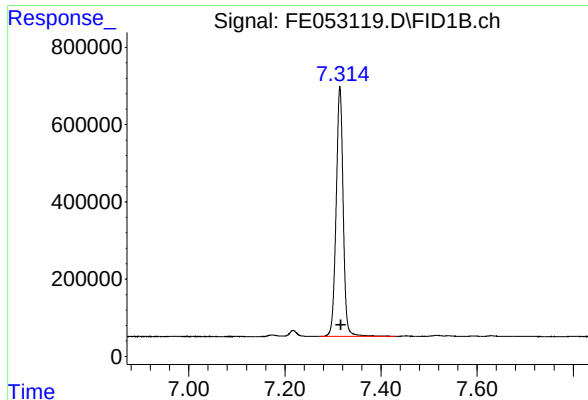
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 7365732
Conc: 43.85 ug/ml



#4 n-Dodecane (C12)

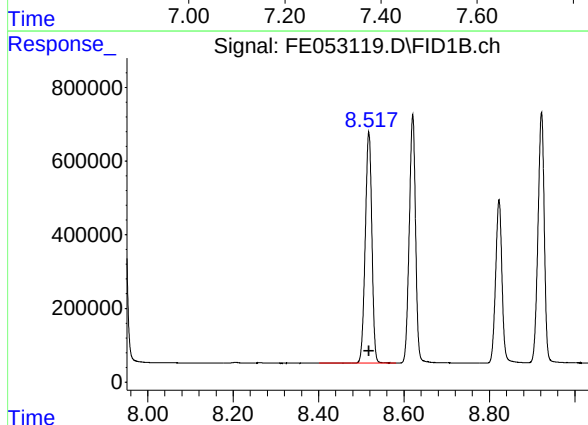
R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 6911571
Conc: 44.19 ug/ml



#5 A~2-methylnaphthalene (C12.89)

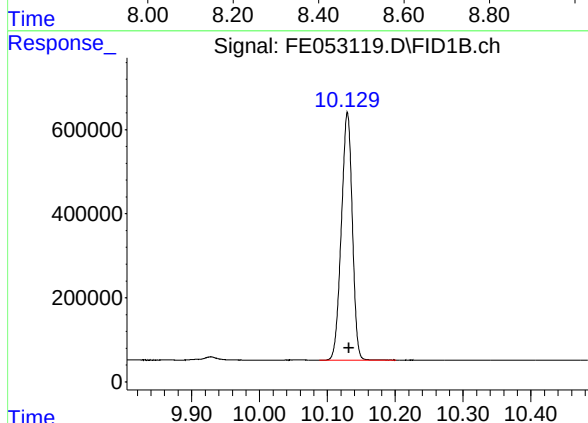
R.T.: 7.314 min
Delta R.T.: -0.002 min
Response: 6576785
Conc: 41.22 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167416BS



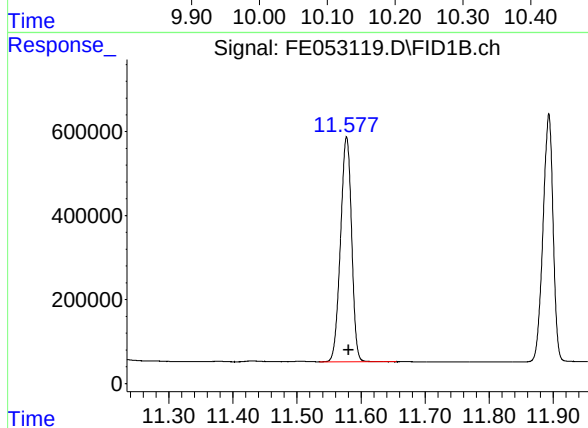
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 6714148
Conc: 43.85 ug/ml



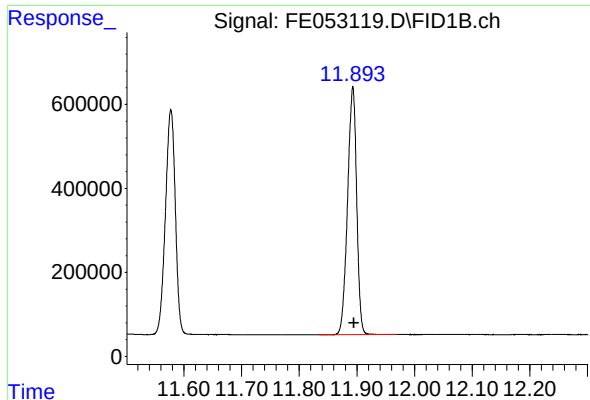
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: -0.002 min
Response: 6618358
Conc: 42.94 ug/ml



#8 n-Octadecane (C18)

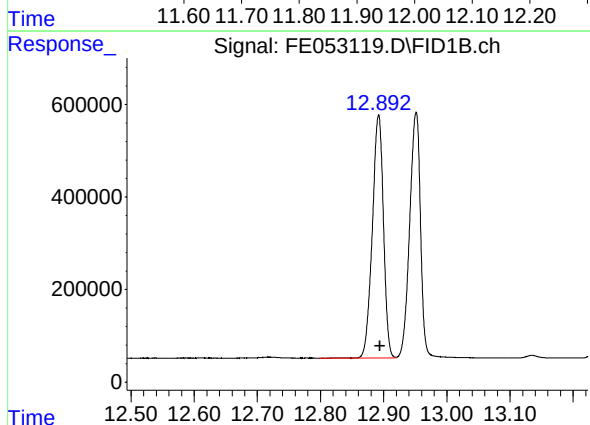
R.T.: 11.577 min
Delta R.T.: -0.003 min
Response: 6396375
Conc: 42.17 ug/ml



#9 ortho-Terphenyl (SURR)

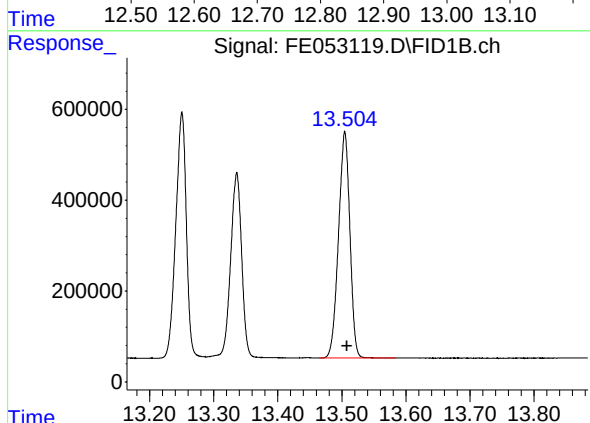
R.T.: 11.893 min
Delta R.T.: -0.002 min
Response: 6479243
Conc: 39.78 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167416BS



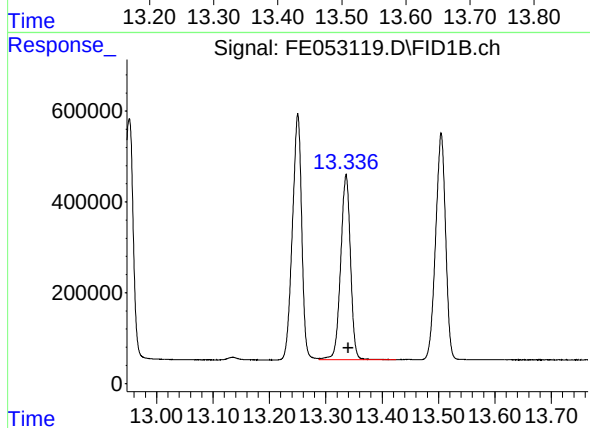
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: -0.002 min
Response: 6428541
Conc: 45.09 ug/ml



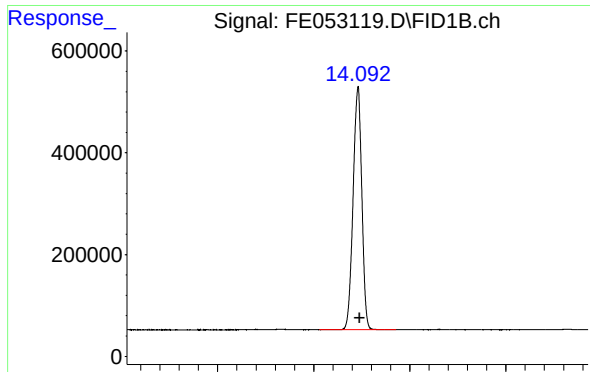
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: -0.003 min
Response: 6117900
Conc: 44.09 ug/ml



#12 1-chlorooctadecane (SURR)

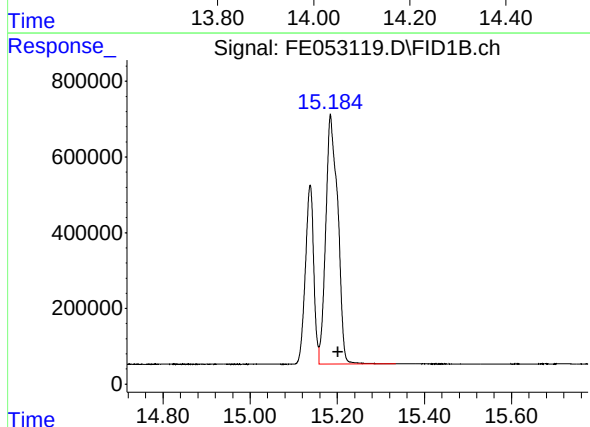
R.T.: 13.336 min
Delta R.T.: -0.004 min
Response: 4930554
Conc: 41.07 ug/ml



#13 n-Docosane (C22)

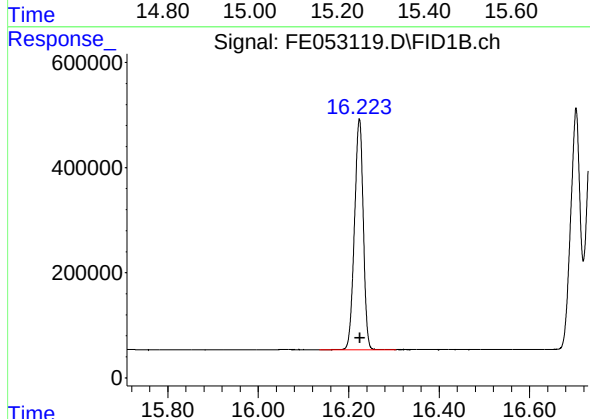
R.T.: 14.092 min
Delta R.T.: -0.004 min
Response: 6039084
Conc: 44.10 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167416BS



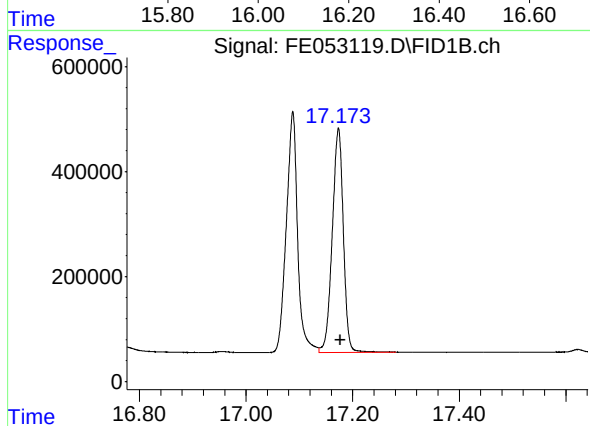
#14 n-Tetracosane (C24)

R.T.: 15.185 min
Delta R.T.: -0.016 min
Response: 12552916
Conc: 92.94 ug/ml



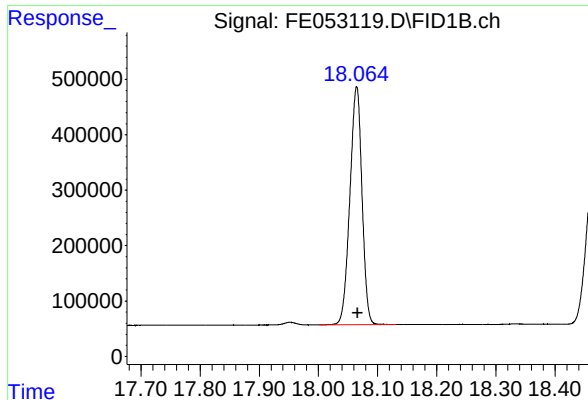
#15 n-Hexacosane (C26)

R.T.: 16.223 min
Delta R.T.: -0.002 min
Response: 5919663
Conc: 44.37 ug/ml



#16 n-Octacosane (C28)

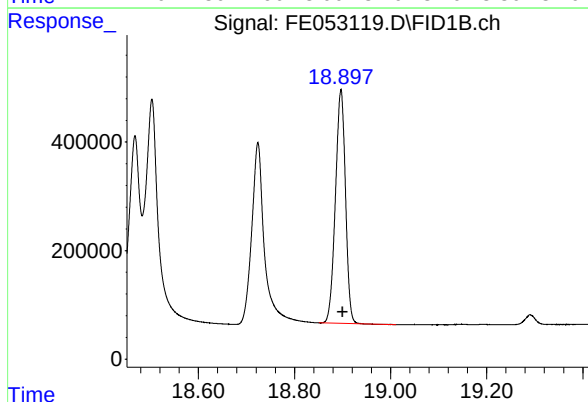
R.T.: 17.173 min
Delta R.T.: -0.003 min
Response: 6149195
Conc: 46.60 ug/ml



#17 n-Tricontane (C30)

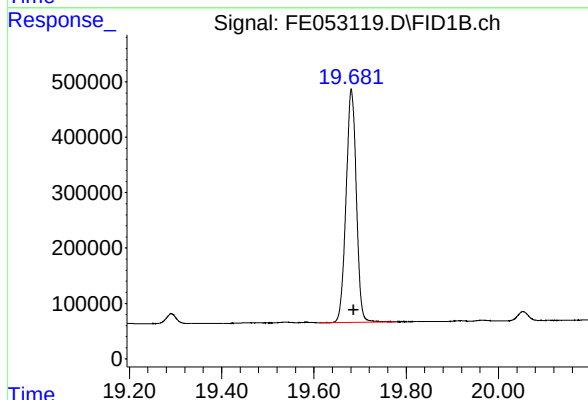
R.T.: 18.064 min
Delta R.T.: -0.002 min
Response: 6112047
Conc: 45.09 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167416BS



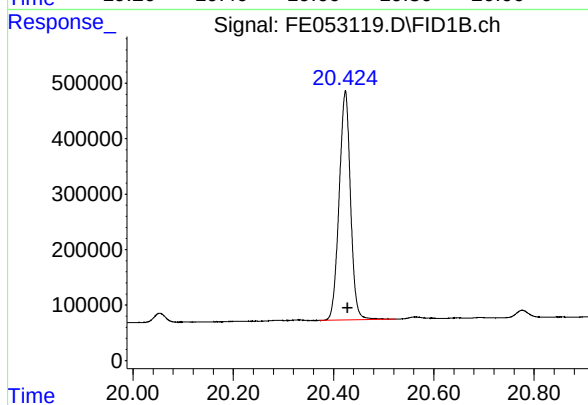
#18 n-Dotriacontane (C32)

R.T.: 18.897 min
Delta R.T.: -0.004 min
Response: 6248675
Conc: 46.44 ug/ml



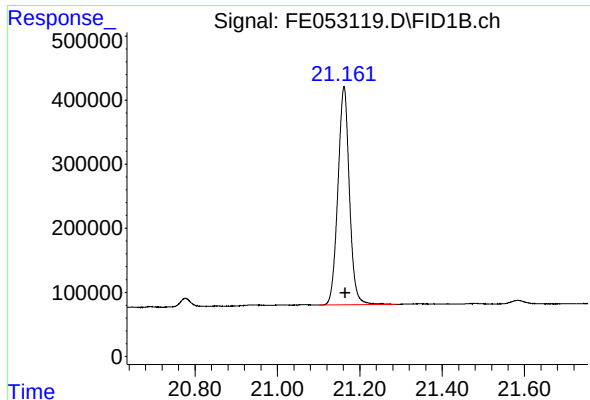
#19 n-Tetatriacontane (C34)

R.T.: 19.681 min
Delta R.T.: -0.005 min
Response: 6479628
Conc: 50.08 ug/ml



#20 n-Hexatriacontane (C36)

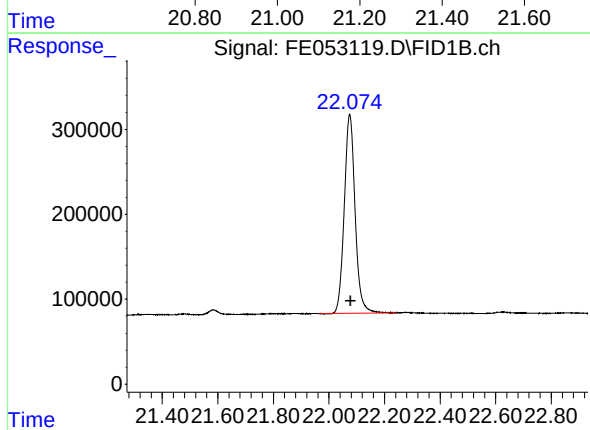
R.T.: 20.424 min
Delta R.T.: -0.004 min
Response: 6488531
Conc: 54.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.162 min
Delta R.T.: -0.003 min
Response: 6589159
Conc: 57.33 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167416BS



#22 n-Tetracontane (C40)

R.T.: 22.075 min
Delta R.T.: -0.004 min
Response: 6335469
Conc: 56.41 ug/ml